

2018 Motor State Challenge Rules and Guidelines

Event Date: July 19-21, 2018

2018 Optima Search for the Ultimate Street Car Open Event (See additional OSUSC Rules and Information)

The 2018 Motor State Challenge will once again see a division of the competition with two model year groupings – **1988 and Earlier** and **1989 and Later** and a third category “**Touring Group**” with no year boundaries.

Manufacturers participating in the event will be competing in the “Manufacturer Category” and are not eligible for prizes and giveaways, however they will compete in the “Manufacturer’s Shootout” for the overall “Motor State Challenge Manufacturer Champion” trophy. Manufacturers will be assigned spots using the same criteria as all other competitors; therefore, they will be mixed within the established run groups. A “Manufacturer” is considered any competitor who designs, builds, and sells parts that enhance the performance and/or look of a vehicle. This includes, but is not limited to, all vendors selling products through Motor State Distributing.

We will do our best to match participants in groups with like skill level and speed.

GingerMan is a very open track with many safe run-off areas. It will still be stressed that you not let your speed exceed your skill level. With proper spacing and passing procedures, everyone will enjoy a safe outing with plenty of track time.

The GingerMan track day features road course hot laps without a speed regulating pace car. Timed sessions will be run for approximately 15 minutes each. Session duration is at the discretion of the SCCA race director. Since we're not limiting speed in the time trial groups, we will limit track time to prevent heat related malfunctions and failures such as brake fade and excessive oil/coolant temps.

Road Course Timing – Competitors will be timed using AMB Transponders.

If you do not have an AMB Transponder you will need to purchase one and have it mounted prior to the event. If you do not have your transponder prior to registering for the event, please remember to go back into your registration and add your transponder number once you have one.

If you need a transponder for your car/truck feel free to contact us. We have them in stock along with the mounting clips.

2018 Motor State Challenge Competition Guidelines

The following Rules and Regulations must be followed in order to compete for points in the Motor State Challenge.

Rules and Regulations

1. All competitors must have a valid driver’s license.
2. Competitors must sign an Event Waiver. Passengers must sign an Event Waiver. A parent/legal guardian must sign a Waiver for minor/passenger on a per-event basis. Any competitor found to have driven the course in any vehicle before signing the waiver will be disqualified from the event, with no refund of entry fee, and will be removed from the premises.
3. All competitors must fill out a Tech Worksheet and successfully PASS Tech Inspection in order to compete.
4. Any driver considered by the Event Chairman and/or Race Director to be under the influence of alcohol or narcotics shall be disqualified.

5. Any driver who drives unsafely at or near the event location, or displays unsportsmanlike conduct, shall be disqualified.
6. Children under twelve (12) years of age and pets shall be prohibited in the staging, grid, start/finish and course areas.
7. Smoking is not permitted in grid, staging areas, or anywhere near food preparation and consumption areas.
8. For refueling of vehicles, there will be at least one 10-lb. minimum Class B fire extinguisher available in the event of a fire during refueling. Furthermore, No Smoking allowed within 75' of any vehicle being refueled.
9. Autocross course workers must be standing at all times when any competition cars are on-course during the event. There will be fire extinguishers located at key corner stations around the track and accessible to course workers.
10. All competitors/passengers must be properly belted while in competition.
11. All competitors/passengers must wear a Helmet with an approved (Snell) SA2010 or newer while in competition. Helmet must be free from cracks blemishes or large scratches. Motorcycle helmets are not acceptable. All drivers must wear long pants. A long sleeve shirt is recommended, but short sleeve shirts will be acceptable.
12. Eye protection/face shield/goggles must be worn in a car without a windshield.
13. Footwear: The shoe must cover the entire foot.
14. These rules are subject to each event's location and are subject to each track's rules and regulations. Therefore, the Motor State Challenge rules shall be in accordance with the GingerMan Raceway Rules. It is the sole responsibility of each participant/spectator to abide by the rules and regulations.
15. Each participant/spectator is responsible for any and all damages brought on by themselves or their vehicles at the event. Therefore, they are responsible for any damages, legal fees and clean-up fees assessed by the track or event coordinators. This relieves Motor State and the SBR SCCA of all responsibility for damages by participants/spectators.
16. These rules may be changed or revised by the Event Chairman and/or Race Director and will therefore apply to the event.

Eligible Vehicle

1. Must complete a Tech Sheet and PASS Tech Inspection.
2. A minimum of 3-point seat belts are required in all cars. Installation and the use of a racing safety harness are strongly recommended for vehicles running in Time Trial Competition. Attaching hardware for belts must be in good condition, secure and tight. 3-4-or-5-point harness must be installed and routed per manufacturer specifications.
3. **CONVERTIBLES PLEASE NOTE:** A structurally sound roll bar or cage is required on all convertibles to run the road course event. The top of the roll structure may not be below the top of the driver's helmet when the driver is in the normal driving position.
5. All loose items, inside and outside the car, must be removed. Hand-held items, such as, but not limited to, cameras and cell phones, are considered loose items. This also includes non-secured floor mats.

6. Any cameras, if installed, must be securely mounted to withstand driving maneuvers.
7. Wheels must be safely affixed. All studs and lug nuts must be present, functional and tightened to manufacturer specs.
8. **Tires** - Participants must use DOT approved, non-competition, treaded (non-grooved) street tires (no competition radials, no R compound, drag radials or shaved tread) with a treadwear rating of 200 or higher. Eligible tires must be: a) in sufficient supply; b) commercially available to the general public; c) have a manufactured minimum tread depth of 7/32" when new; and d) available in at least six (6) different sizes. Tires will be required to pass a technical inspection. Any modifications or chemical treatments to tires will be unacceptable. Competitors with tires showing any evidence of modification will be immediately disqualified from the event. Safety is of the utmost importance and MSC officials will not hesitate to disqualify questionable tires and/or tire selections. Ineligible tires for 2018 include Yokohama Advan A052, Kumho Ecsta V720 ACR, Federal 595RS-RR, and other models that do not meet the above stated criteria.
9. Throttle return action shall be safe and positive.
10. No excessive fuel, oil, water, radiator fluid or brake fluid leaks should be observed.
11. Brakes must have an adequate pedal, sufficient fluid in the master cylinder and no apparent hydraulic leaks under pressure. Vehicles must have a brake mechanism acting upon each wheel.
12. Wheel bearings, shocks, steering, and suspension shall be in good operating condition.
13. Exhaust must exit behind driver or to the side of the car and be securely installed. Mufflers are required unless sound level at participating event does not require such.
14. All batteries shall be attached securely to the frame or chassis structure.
15. Fuel tank/cell must be securely mounted in a safe location and vented if required.
16. Fire Extinguisher – a minimum of a 2.5lb dry chemical, ABC rated unit must be securely attached and accessible. **Mandatory for Road course competition and strongly encouraged for Autocross competition.**
17. All vehicles must display car numbers, provided in your event packet, and must be readable by timing and scoring, course workers and grid workers.
18. No passengers allowed on the road course unless passenger is driving instructor or approved by Race Director.
19. All driver/vehicle combination entries must compete in the same class with the same vehicle throughout the entire event to be eligible for overall points placement (MSC Champion, 2nd, and 3rd). Participants will still be eligible to win individual fast lap awards but will forfeit overall points placement should they change vehicles after completing any portion of the event.
20. It is the sole responsibility of the Competitor for the safe condition and operation of their vehicle in competition or on event premises. The inspector, inspection facility, Motor State Challenge/SCCA staff, and/or its member's or staff cannot and will not be held liable or responsible for any vehicle. I understand that problems, malfunctions, or damage may occur in connection with the operation of this vehicle prior to, during, or after the Track Event. I understand that any of the above items may be inspected at any time during the event. If any of the items are found unsatisfactory, the vehicle will not be allowed on track and the entry fees will be forfeited.

21. These rules and conditions may be changed or altered per event by the Event Chairman and/or Race Director of the event and are subject to the competitor's responsibility to know all the rules and regulations.

PARTICIPANTS ARE SOLELY RESPONSIBLE FOR THE SAFE CONDITION OF THEIR VEHICLE

No participant will be permitted to drive their vehicle on the track without first completing a safety inspection by our SCCA safety crew. On-site inspection is an additional basic safety and mechanical check. On the day of the event, if your car is deemed unsafe by the SCCA safety crew, your car will not be allowed on the track.

Motor State Challenge event includes the following Points Earning Components:

1) Thursday, Cruise: 10 Points for completion.

All participants who complete the cruise without vehicle failure will earn 10 points towards The Motor State Challenge competition.

Vehicle Classes will be divided into three (3) categories; 1988 and Earlier Time Trial Competition - 1989 and Later Time Trial Competition. – Touring Group will cover all years

2) Friday, GingerMan Raceway Road Course:

Points awarded for 1st thru 10th in each Time Trial Competition category.

All eligible participants will earn points based on lowest lap times of the day in each of the two Time Trial Competition categories - **1988 and Earlier** and **1989 and Later**. Each session will be approximately 15 minutes long and all laps will be timed (except for initial practice sessions). Your fastest lap of the day will be used to determine your finishing position.

Any shenanigans - driver error or otherwise - will result in a black flag and immediate disqualification from the Time Trial competitions. You will not be allowed to continue with road course hot laps. Return to pits immediately. No Exceptions. Safety First.

20 points for 1st place (lowest lap time of the day in each of the two Time Trial Competitions)

18 points for 2nd

16 points for 3rd

14 points for 4th

12 points for 5th

10 points for 6th

8 points for 7th

6 points for 8th

4 points for 9th

2 points for 10th

3) Saturday, The Tire Rack Timed Autocross Laps: 20 Points Max

All Autocross participants will be timed. Participants will qualify for points based on LOWEST lap time.

20 points for 1st place (lowest lap time)

18 points for 2nd

16 points for 3rd

14 points for 4th

12 points for 5th

- 10 points for 6th
- 8 points for 7th
- 6 points for 8th
- 4 points for 9th
- 2 points for 10th

Example: Motor State Challenge Winner points: 50 Points maximum.

- Cruise Completion: 10 points
- Road Course Time Trial Lowest Lap: 20 points
- Autocross Time Trial Class fastest lap: 20 points

Tie Breaker: In the event of a tie: Autocross rank will serve as the tie-breaker.

4) People's Choice Award (Independent of Timed Competition)

All in attendance will be entitled to vote once for their favorite car. There are no guidelines. Selection is purely subjective. Just pick your favorite. Please be sure to cast your vote!!

5) Long Distance Award (Independent of Timed Competition)

Be Safe and Have Fun!

Always keep in mind that this is a **hot rodding** event--not all out 10/10th racing. Our goal is to provide a venue for enjoyment and camaraderie. It just so happens that we collect times along the way and tally the results. Previous events have taught us that experienced, consistent drivers place well. Good equipment helps. A wide variety of cars, regardless of parts selection or power levels, have placed well in the past. Small or big block; stick or auto; air or steel spring, the equipment is really just a good excuse for a "Gearhead Gathering". Drivers are the key to safe, successful competition. Excessive driving practices coupled with inexperience and/or mistakes usually lead to poor times, spinouts, broken parts—and crashes. It pains us to disallow a car for a bad battery mount, bald tire, or reckless driving. We understand that enforcement can ruin someone's day, but we will fully enforce all rules of safety and driver conduct.

2018 Motor State Challenge Competition Event Schedule

THURSDAY EVENT SCHEDULE (LANE AUTOMOTIVE/MOTOR STATE DISTRIBUTING FACILITY)

- 1:00 PM Check-In Opens (Lane Automotive Customer Pick Up Area).
- 1:30 PM to 3:00 PM..... Lane Automotive/Motor State Facility Tours and Meet and Greet.
- 3:00 PM to 4:00 PM..... Drivers/Participant Meeting (Training Room).
- 4:15 PM Cruise Departs.
- 5:00 PM to? Cruise and Dinner (TBA)

FRIDAY EVENT SCHEDULE (GINGERMAN RACEWAY)

- 7:30 AM to 8:00 AM MSC/SCCA Staff Meeting
- 8:00 AM Technical /Safety Inspection (At Tower)
- 8:45 AM Drivers Meeting

MORNING SESSION

- 9:30 AM Group 1 Practice (Test Timing) - 10 Minutes

9:45 AM Groups 2 & 3 Practice (Test Timing) - 10 Minutes
 10:00 AM Groups 4 & 5 Practice (Test Timing) - 10 Minutes
 10:15 AM Group 1 Session 1 - Timed – 15 Minutes
 10:35 AM Group 2 Session 1 - Timed – 15 Minutes
 10:55 AM Group 3 Session 1 - Timed – 15 Minutes
 11:15 AM Group 4 Session 1 - Timed – 15 Minutes
 11:35 AM Group 5 Session 1 - Timed – 15 Minutes

12:00 PM - Lunch

AFTERNOON SESSIONS

1:00 PM Group 1 Session 2 - Timed – 15 Minutes
 1:20 PM Group 2 Session 2 - Timed – 15 Minutes
 1:40 PM Group 3 Session 2 - Timed – 15 Minutes
 2:00 PM Group 4 Session 2 - Timed – 15 Minutes
 2:20 PM Group 5 Session 2 - Timed – 15 Minutes

 2:40 PM Group 1 Session 3 - Timed – 15 Minutes
 3:00 PM Group 2 Session 3 - Timed – 15 Minutes
 3:20 PM Group 3 Session 3 - Timed – 15 Minutes
 3:40 PM Group 4 Session 3 - Timed – 15 Minutes
 4:00 PM Group 5 Session 3 - Timed – 15 Minutes

MANUFACTURER SHOOT OUT COMPETITION

All Day Your Quickest Time of the Day Will Count Toward Your Overall Points

SATURDAY EVENT SCHEDULE (THE TIRE RACK)

7:30 AM.to 8 AM MSC/SCCA Staff Meeting
 8:00 AM to 9:00 AM Registration, Drivers Meeting, and Course Walk
 9:30 AM First Car on Autocross

Entry Fees

Note: Discount rate (Complete Event Pass) applies to participants competing the entire weekend for the Motor State Challenge.

Thursday – Cruise, T-Shirt, and Dinner..... **\$30** (a la carte)
 Friday – GingerMan Track Day..... **\$160** (a la carte)
 Saturday – Autocross **\$50** (a la carte)

Full Event Pass – covers all 3 days events (Per Person) \$200 (Package)